

MINNESOTA POLLUTION CONTROL AGENCY STORMWATER PROGRAM UPDATE

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MINNESOTA POLLUTION CONTROL AGENCY (MPCA) MUNICIPAL STORMWATER PROGRAM

MINNESOTA EROSION CONTROL ASSOCIATION (MECA)
JANUARY 23, 2018

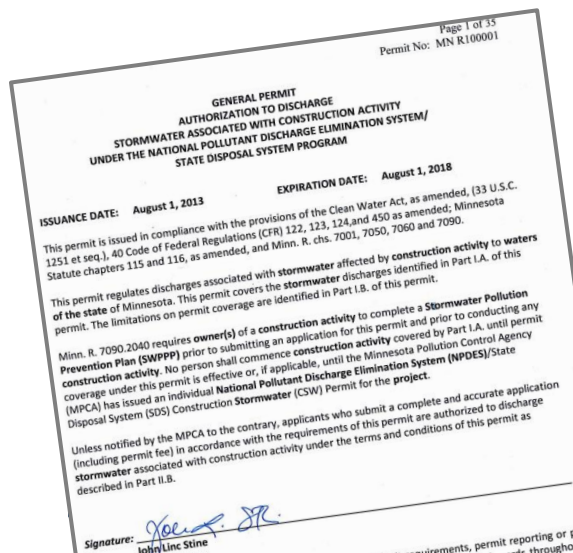
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CONSTRUCTION STORMWATER PROGRAM

CSW – PERMIT REVISION

- National Pollutant Discharge Elimination System/State Disposal System (NPDES/SDS) CSW Permit
 - Goal: reduce the environmental impacts of earth-moving activities on Minnesota's water
 - Regulates stormwater discharges associated with construction activity of 1 or more acres
 - Current permit issued August 1, 2013; **expires August 1, 2018**
- Must revise permit by expiration date



CSW PERMIT REVISION - CHANGES

- Overall changes:
 - Pared down – shorter, plain language, duplicate language removed
 - Permit coverage will now begin once payment is processed
- Language/requirement revisions:
 - Clarification regarding prohibition of infiltrating stormwater when contaminants can be mobilized
 - Several requirements removed – fueling areas, restricted access storage areas



CSW PERMIT REVISION – WHAT’S NEW?

- New to the permit:
 - Requirements for projects discharging to Prohibited Waters based on antidegradation rule
 - More options allowed for ditch stabilization method for certain slopes (less than 2% grade)
 - Onsite soil testing required



CSW PERMIT REVISIONS – NEW LOOK

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Permit No: MN R100001

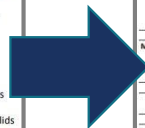
PART I. PERMIT COVERAGE AND LIMITATIONS

I.A. PERMIT COVERAGE

1. This permit is required for **construction activity** that results in land disturbance of equal to or greater than one acre or a **common plan of development or sale** that disturbs greater than one acre, and authorizes, subject to the terms and conditions of this permit, the discharge of **stormwater** associated with **construction activity**.

Construction activity does not include a disturbance to the land of less than five (5) acres for the purpose of routine maintenance that is performed to maintain the original line and grade, hydraulic capacity, or original purpose of the facility. Pavement rehabilitation that does not disturb the underlying soils (e.g., mill and overlay projects) is not considered construction activity.

2. This permit covers all areas of the State of Minnesota.
3. Coverage under this permit is not required when all stormwater from **construction activity** is routed directly to and treated by a "treatment works", as defined in Minn. Stat. § 115.01, subd. 21, that is operated under an individual **NPDES/SDS** permit with a Total Suspended Solids effluent limit for all treated runoff.
4. Previously Permitted Ongoing Projects: Permittee(s) of ongoing projects covered initially under the previous MPCA-issued **NPDES/SDS** Construction Stormwater General Permit (issuance date August 1, 2008) are granted coverage under this reissued permit.
- a. The **Permittee(s)** of those ongoing projects shall amend the **SWPPP** for the project to meet the requirements of this reissued permit no later than 18 months after the issuance date of this reissued permit if the termination-of-coverage requirements in Part II.C. will not be met within 18 months of the issuance date of this reissued permit and shall thereafter comply with this permit. However, additional permanent treatment required in this reissued permit is not required for previously permitted projects.



Permit issued:
Permit expires: MN0067440
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5. Permit requirements

WS 001	Influent Waste
	Facility Specific Limit and Monitoring Requirements
5.1.1	The Permittee shall submit a monthly DMR. Due by 21 days after the end of each calendar month following permit issuance. [Minn. R. 7001.0150, Subp. 21B]
5.1.2	Sampling Location. [Minn. R. 7001.0150, Subp. 21B]
5.1.3	Grab and composite samples shall be collected at a point representative of total influent flow to the holding tank. [Minn. R. 7001.0150, Subp. 21B]
5.1.4	The Permittee shall submit monitoring results in accordance with the limits and monitoring requirements for this station. If conditions are such that no sample can be acquired, the Permittee shall report "No Flow" or "No Discharge" on Discharge Monitoring Report (DMR) and shall add a Comments attachment to the DMR detailing why the sample was not collected. [Minn. R. 7001.0150, Subp. 21B]
MN0067440	Comorbant Park Place Estates
	Waste Stream Station General Requirements
5.2.1	Representative Samples. [Minn. R. 7001]
5.2.2	Grab and composite samples shall be collected at a point representative of total influent flow to the system. [Minn. R. 7001]
	Special Requirements
5.3.3	There shall be no unauthorized discharge to the ground surface or surface water from this system during the term of this permit. [Minn. R. 7001]
5.3.4	The Permittee is required to obtain a Sewerage Extension Permit from the MPCA prior to the start of construction of any addition, extension, or replacement to the collection system or holding tank. [Minn. R. 7001]
5.3.5	Collection System and Holding Tank. [Minn. R. 7001]
5.3.6	The collection system shall be properly maintained to minimize flow, infiltration, exfiltration, and obstructions. A report of all inspections and maintenance operations shall be kept by the Permittee for a minimum of three years. [Minn. R. 7001]
5.3.7	All grinder stations and the holding tank must remain locked at all times. [Minn. R. 7001]
5.3.8	The Permittee must maintain high level alarms on the holding tank for the term of this permit. [Minn. R. 7001]
5.3.9	The Permittee shall prevent the discharge of any wastes other than sewage into the holding tank that could result in damage to the treatment facility receiving the sewage or inhibit wastewater treatment.



CSW PERMIT REVISIONS - SCHEDULE

- Next steps:
 - Public webex meeting with stakeholders – February 2018
 - Public comment period (30 days)
 - MPCA response to public comments
- Anticipated effective date – late spring 2018



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**MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4)
PROGRAM**

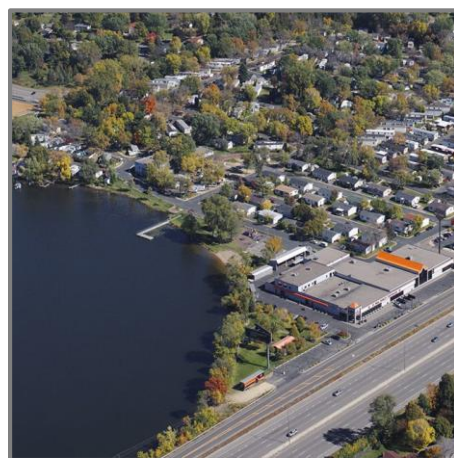
MS4 PERMIT REISSUANCE

- Two types of permits: individual and general
- Individual permits: St. Paul and Minneapolis
 - Revising now
 - Effective Early Spring 2018
- General Permit: all other MS4s (253 permittees)
 - Expires August 1, 2018
 - In initial stages of revision
- To consider: EPA remand rule
 - Clear, specific, and measurable permit revisions



MS4 PERMIT REISSUANCE

- Anticipated Changes
 - Better align with CSW post-construction requirements
 - Infiltration prohibitions
 - Stormwater volume reduction standards
 - Post-construction stormwater management threshold
 - Clarification of inspection requirements for catch basins
 - Stock pile inspection requirements
 - Minor clarifications throughout permit
 - New format



QUESTIONS?

Thanks!



MS4 ACCELERATED IMPLEMENTATION PROJECT

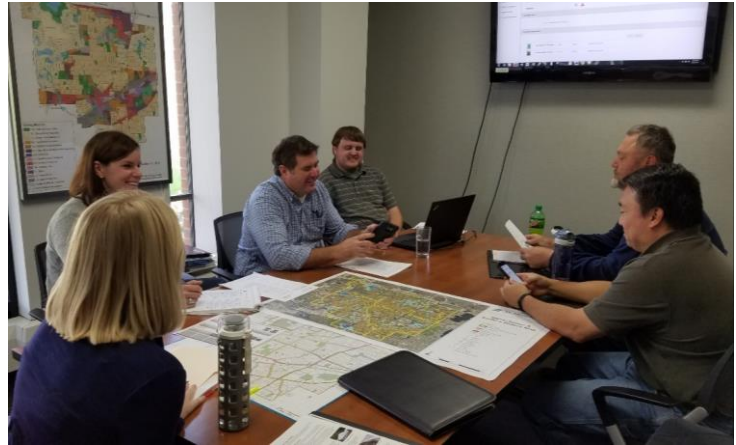
MEGAN HANDT & CAROLINE MCFADDEN

MINNESOTA EROSION CONTROL ASSOCIATION
PRE-CONFERENCE WORKSHOP JANUARY 23, 2018



AGENDA

- Project background and goals
- Activities completed
- Activities started
- Next steps



WHAT'S GOING ON

PROJECT BACKGROUND AND GOALS

PROJECT BACKGROUND

- Problem: local stormwater staff want more guidance related to the MS4 General Permit
- Action: Clean Water Fund appropriation
- Result: funds to be used for technical assistance to municipalities struggling to understand and implement the basic requirements of the MS4 program



PROJECT GOAL

- Goal: Provide assistance to MS4 program staff to help build sustainable and effective local programs for managing stormwater and further compliance with the MS4 General Permit
- Meeting the goal means having:
 - informed and empowered staff,
 - staff accountable to program outcomes,
 - the ability to leverage partnerships and others' knowledge

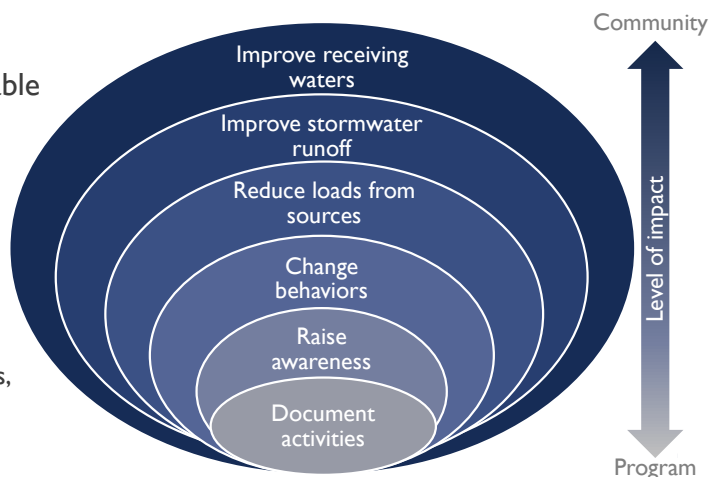


Figure modified from California Stormwater Quality Association



WHAT'S BEEN DONE

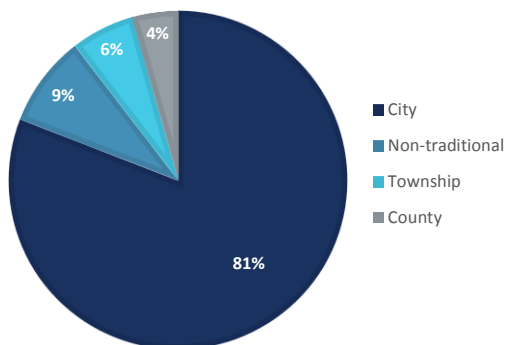
ACTIVITIES COMPLETED

STORMWATER STAKEHOLDER SURVEY

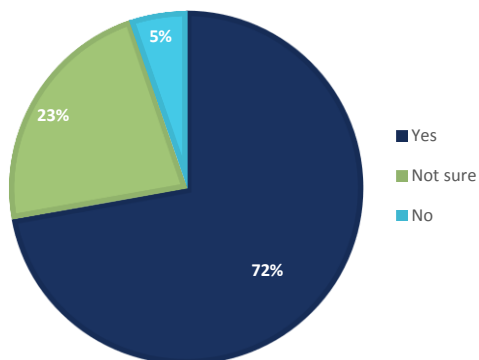
- Short survey that asked local MS4 staff:
 - What kind of guidance/assistance local MS4 staff would find beneficial
 - How they would like us to interact with them
 - Their opinions on new ideas
- Find out how we can best assist MS4 staff
- Audience was local MS4 staff, consultants, etc.

SURVEY RESULTS

What type of MS4 do you represent?



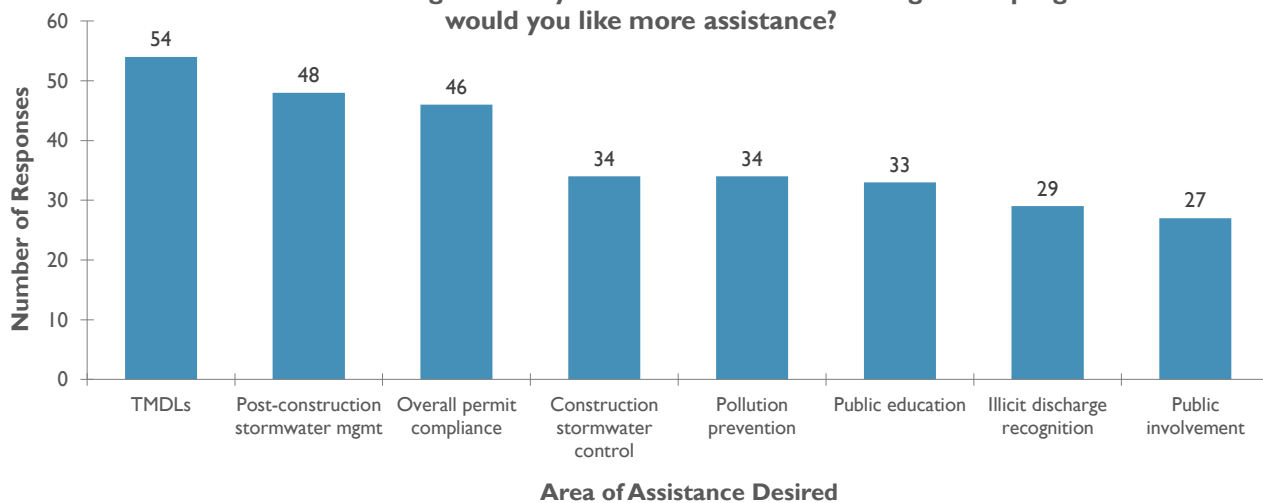
Do you feel your local MS4 program would benefit from additional outreach, guidance, or technical assistance?



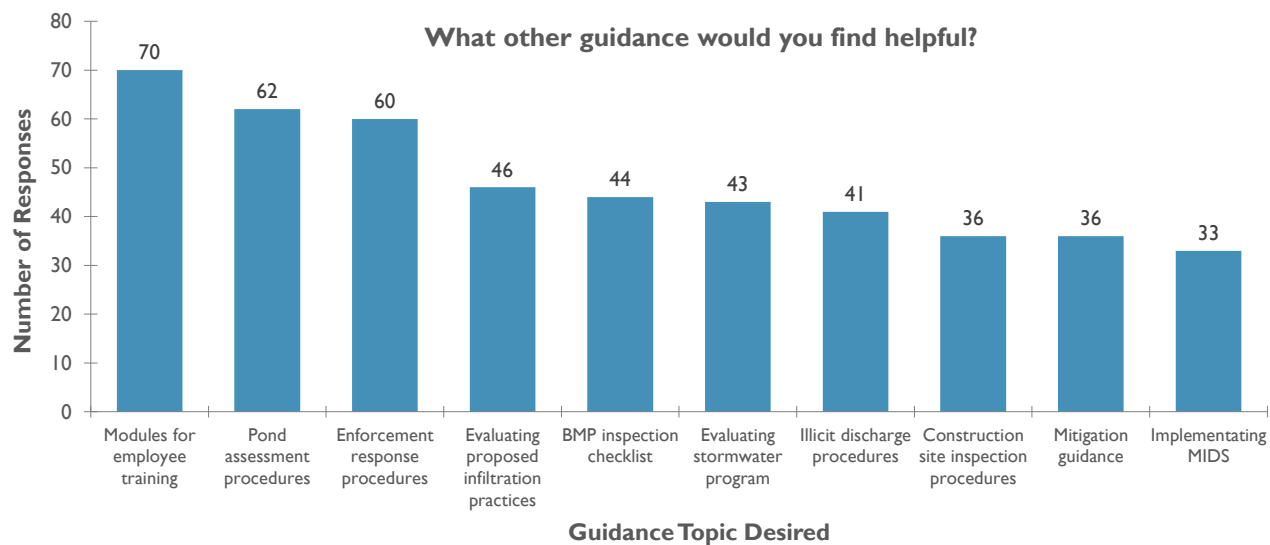
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SURVEY RESULTS

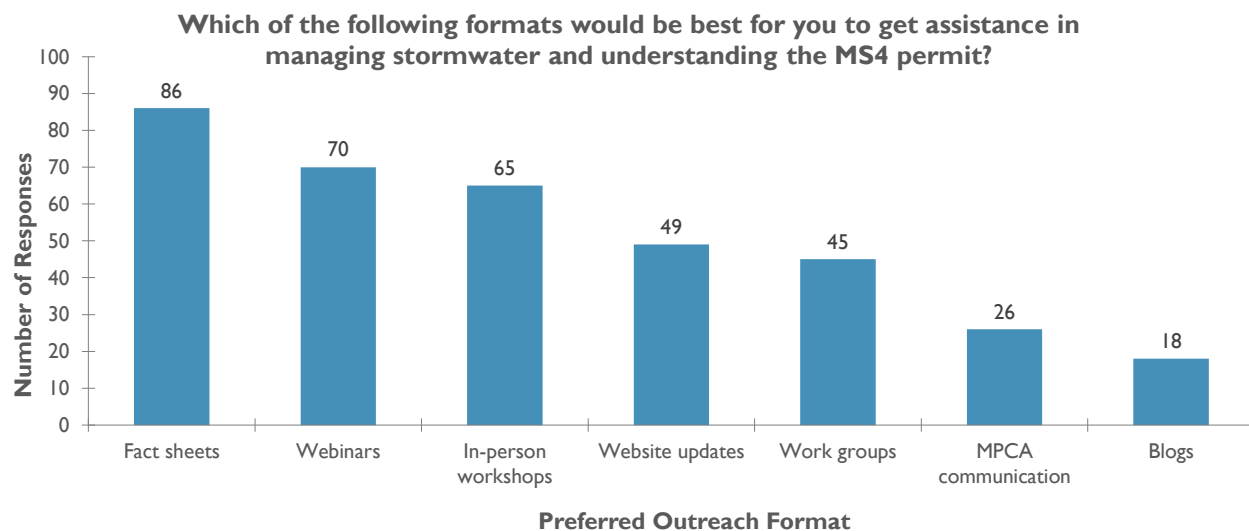
Which of the following areas of your local stormwater management program would you like more assistance?



SURVEY RESULTS



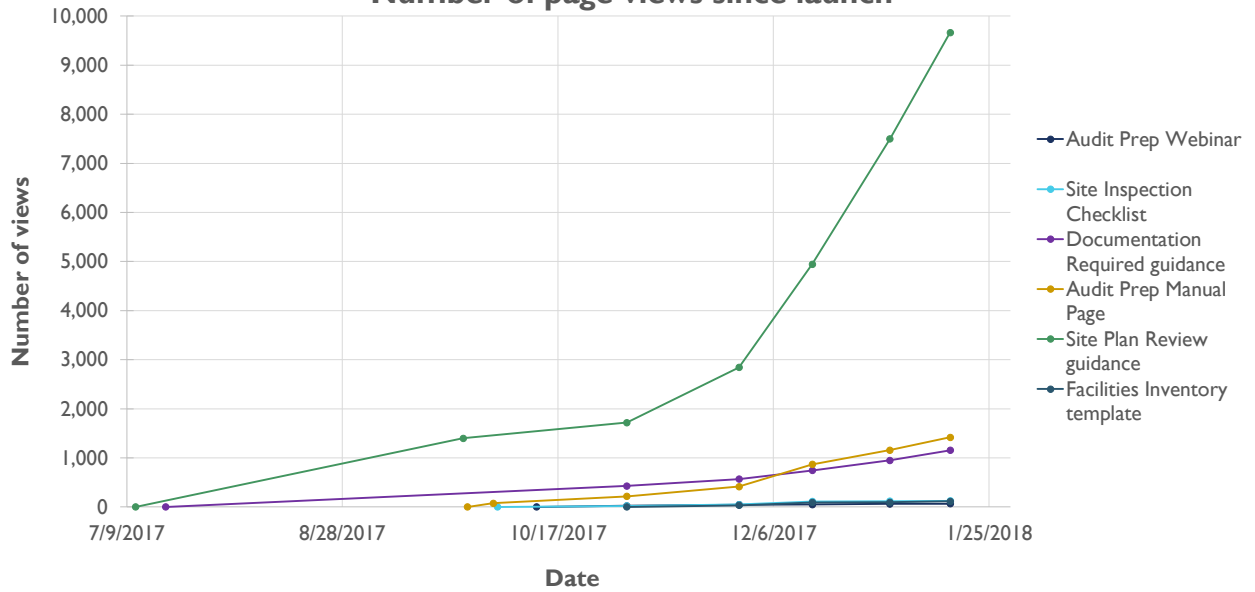
SURVEY RESULTS



- [illegible]

MEASURES

Number of page views since launch



WHAT'S IN PREP

ACTIVITIES STARTED

MODEL ORDINANCE PACKAGE

- Model ordinance language
 - MCM 4 – Construction stormwater runoff control
 - MCM 5 – Post-construction stormwater management
- Identification of legal authority
- Implementation guidance

Planned Unit Development Ordinance

Uses of Open Space

The uses listed here include habitat and recreation. Other uses that may apply in some communities include stormwater amenities, wetland banking areas, drain fields for community wastewater system, agriculture or local food production, or renewable energy production (wind energy).

XV. Standards for Common or Open Space - No open area may be approved under the provisions of this article unless it meets the following standards:

- A. **Suitable for Development** - The location, shape, size, and character of the open space must be suitable for the planned development.
- B. **Uses of Open Space** - Common open space must be used as a natural purposes. The uses authorized for the common open space must be appropriate to the character of the planned development, considering its size, density, and the number and type of dwellings to be provided.
- C. **Required Improvements** - Common open space must be suitably improved but common space containing natural features worthy of preservation and buildings, structures and improvements which are permitted in the community are appropriate to the uses which are authorized for the common open space enhance the amenities of the common open space having regard to its condition.

MS4 TOOLKIT UPDATE

- Help MS4 community comply with permit requirements
- Contains information for MS4s to take and use
 - Educational handouts
 - Fact sheets
 - Training videos
- Needs updating and is looking for a new home on the web

Introducing the new

Educational tools to help you meet your MS4 permit requirements.

Brochures-posters-training videos-utility bill inserts-presentations-manuals-surveys

www.cleanwatermn.org/MS4toolkit

MS4 Toolkit

**Minimum Control Measures 1 & 2:
Public Education and Outreach/ Public Participation**

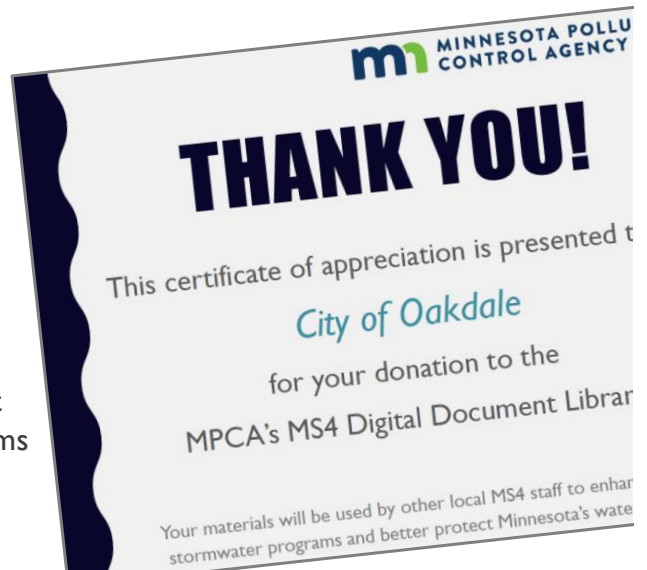
Discontinue these drink containers with a clear water message

**Minimum Control Measure 3:
Illicit Discharge Education**

Call: 1-800-555-1234

DIGITAL DOCUMENT LIBRARY

- Stores and circulates example documents online in the Stormwater Manual
- Contains materials that are
 - submitted by local MS4 staff
 - currently being used to manage stormwater programs
 - vetted by MPCA staff
- Reduces resources required to implement effective stormwater management programs

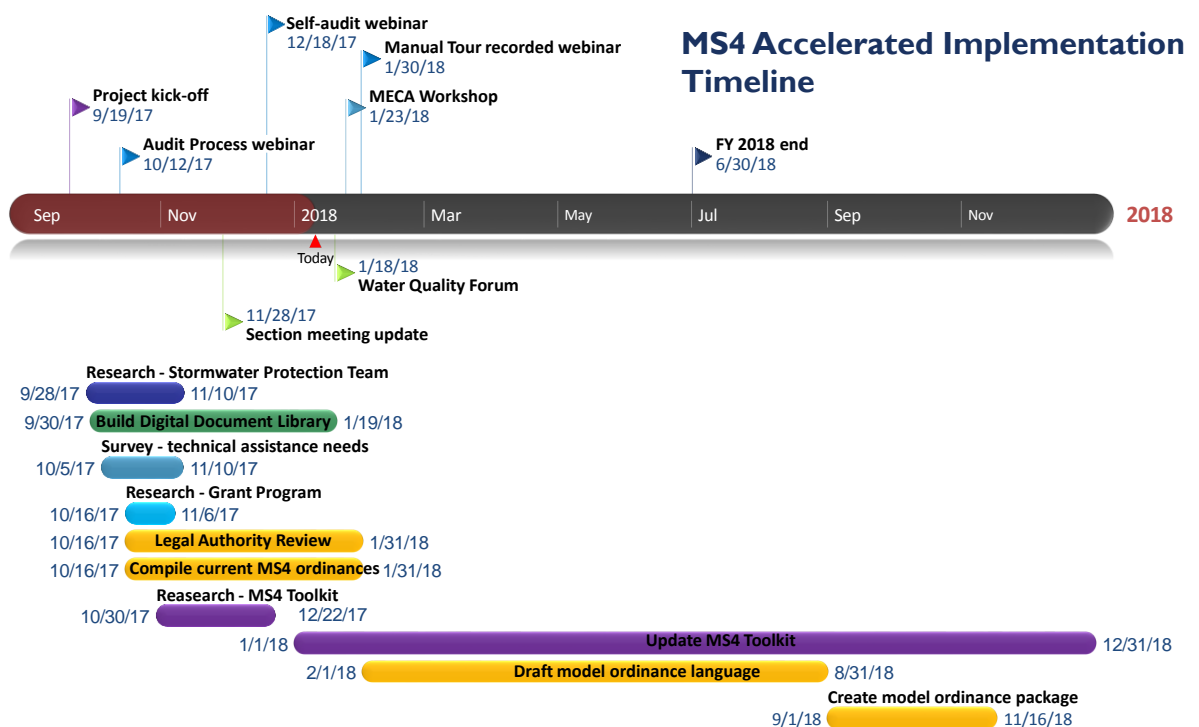


WHAT'S NEXT

NEXT STEPS

WHERE DO WE GO FROM HERE?

- Research:
 - Starting a stormwater protection team
 - Providing funding opportunities
- Run MS4 workshops
- Continue to:
 - Create materials and webinars based on survey feedback
 - Engage with stakeholders
 - Promote materials developed



QUESTIONS?

Thanks!

